Power plants using solar energy in Andhra Pradesh

828. DR. DASARI NARAYANA RAO: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether stand alone village level power plants using solar energy have been set up in Andhra Pradesh;

(b) if so, the details thereof, district-wise;

(c) whether Central Subsidy is being provided to the State for the purpose; and

(d) if so, the details thereof for the last three years, year-wise and results achieved there from?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) to (d) Yes, Sir. The following two stand-alone, village-level Solar Photovoltaic (SPV) power plants have been installed in Andhra Pradesh:

(i) Power Plant of 2.4 KW capacity in Parugula Thanda in Ranga Reddy District.

(ii) Power Plant of 3.84 KW capacity in Bugga Thanda in Nalgonda District.

These power plants were installed during 1996 by the State nodal agency for renewable energy programmes in Andhra Pradesh *i.e.* the Non-Conventional Energy Development Corporation of Andhra Pradesh (NEDCAP) Limited, Hyderabad. The Ministry provided a subsidy of Rs. 11,29,443/- to NEDCAP for installation of these solar power plants.

In addition, one more such power plant of 3.25 KW capacity has been installed during 1997 in a school in Bommarashpet Village, Shameerpet Tehsil, Ranga Reddy District, with soft loan assistance of Rs. 11.46 lakhs from the Indian Renewable Energy Development Agency.

The Ministry provides a subsidy of 50% of the cost of such power plants subject to a limit of Rs. 1,80,000 per KW of the photovoltaic array, to the implementing agencies (Higher rates of subsidy are provided to the North-Eastern States). Proposals received from various States are examined and sanctioned if they fit into the guidelines of the Ministry for such projects. During the last three years, the Ministry did not receive any proposal for installation of such village level solar power plants in Andhra Pradesh.